

Water-Data Report 2008

**354418076463601 Local number WS-100 (NC-158) near Hoke, NC (Surficial)**

Surficial aquifer system  
Post Miocene (Quaternary + Pliocene) Rocks  
Washington County, NC

LOCATION.--Lat 35°44'20", long 76°46'31" referenced to North American Datum of 1983, Washington County, NC, Hydrologic Unit 03020104, 2.4 mi west of North Carolina Highway 32 on Secondary Road 1101. Owner: U.S. Geological Survey.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Drilled observation well, depth 15 ft, diameter 4 in., screened interval from 10 to 15 ft.

DATUM.--Land-surface datum is 35 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of instrument shelf, 2.49 ft above land-surface datum, December 16, 1986, to present.

PERIOD OF RECORD.--December 1986 to current year.

GAGE.--Water-level recorder collecting data at 60-minute intervals. Satellite telemetry at station.

REMARKS.--Well is part of climatic-effects network. Data from October 1, 2007 to February 6, 2008 found to be unreliable and is not published.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.50 ft below land-surface datum, March 2, 3, 1994; lowest water level recorded, 6.51 ft below land-surface datum, October 17, 1997.

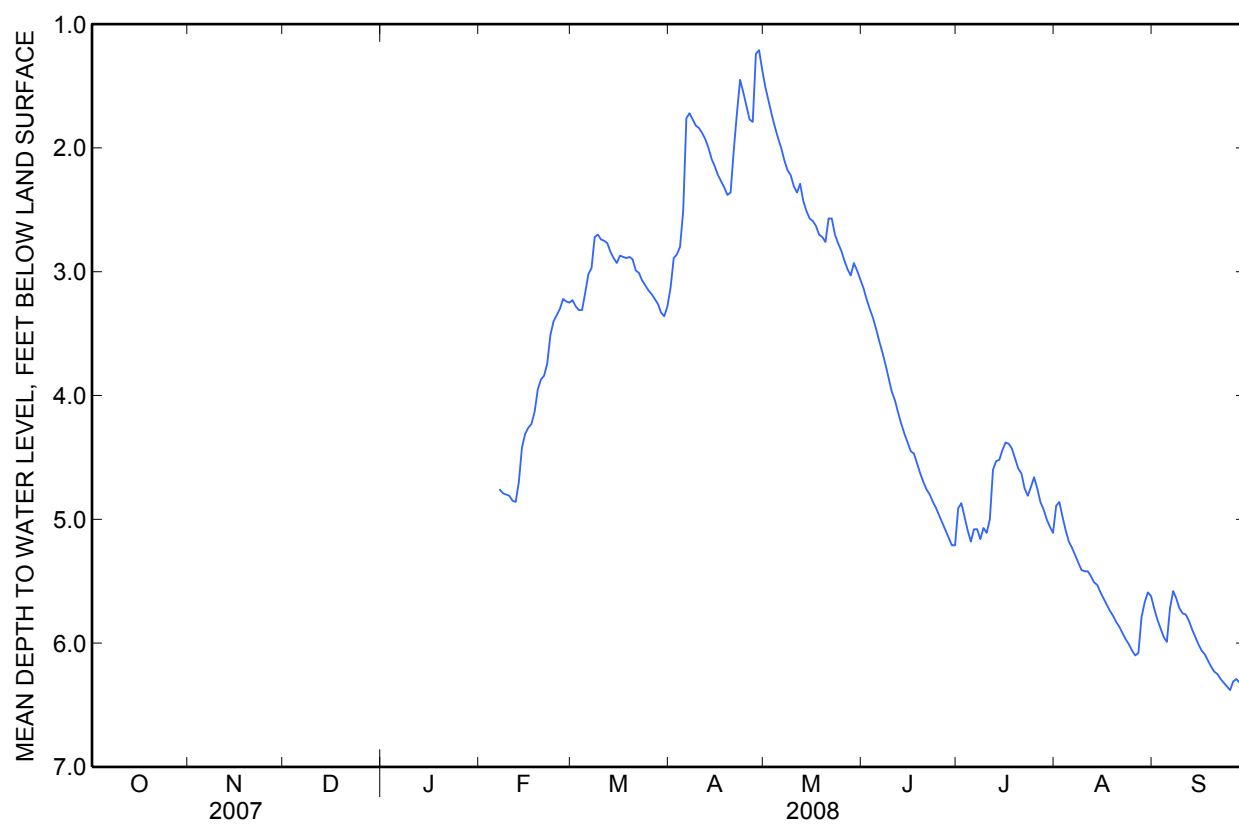
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**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008  
DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	3.23	3.13	1.51	3.13	4.91	4.89	5.72
2	---	---	---	---	---	3.28	2.89	1.62	3.22	4.87	4.86	5.81
3	---	---	---	---	---	3.31	2.86	1.73	3.30	4.98	4.98	5.88
4	---	---	---	---	---	3.31	2.80	1.83	3.37	5.09	5.09	5.95
5	---	---	---	---	---	3.17	2.51	1.92	3.46	5.18	5.18	5.99
6	---	---	---	---	---	3.02	1.76	2.00	3.56	5.08	5.23	5.72
7	---	---	---	---	4.76	2.97	1.72	2.10	3.65	5.08	5.29	5.58
8	---	---	---	---	4.79	2.72	1.77	2.18	3.75	5.16	5.35	5.64
9	---	---	---	---	4.80	2.70	1.82	2.22	3.86	5.07	5.41	5.72
10	---	---	---	---	4.81	2.74	1.84	2.31	3.97	5.11	5.42	5.76
11	---	---	---	---	4.85	2.75	1.88	2.36	4.04	5.00	5.42	5.77
12	---	---	---	---	4.86	2.77	1.93	2.29	4.14	4.60	5.46	5.82
13	---	---	---	---	4.70	2.84	2.00	2.43	4.23	4.53	5.51	5.89
14	---	---	---	---	4.42	2.89	2.09	2.51	4.31	4.52	5.53	5.95
15	---	---	---	---	4.31	2.93	2.15	2.57	4.38	4.44	5.59	6.01
16	---	---	---	---	4.26	2.87	2.22	2.59	4.45	4.38	5.64	6.06
17	---	---	---	---	4.23	2.88	2.27	2.63	4.47	4.39	5.69	6.09
18	---	---	---	---	4.13	2.89	2.32	2.70	4.55	4.43	5.74	6.14
19	---	---	---	---	3.95	2.88	2.38	2.72	4.63	4.51	5.78	6.19
20	---	---	---	---	3.87	2.90	2.36	2.76	4.70	4.59	5.83	6.23
21	---	---	---	---	3.84	2.99	2.02	2.57	4.76	4.63	5.87	6.25
22	---	---	---	---	3.74	3.01	1.72	2.57	4.80	4.75	5.92	6.29
23	---	---	---	---	3.51	3.07	1.45	2.70	4.86	4.81	5.97	6.32
24	---	---	---	---	3.40	3.11	1.55	2.77	4.91	4.74	6.01	6.35
25	---	---	---	---	3.35	3.15	1.66	2.83	4.97	4.66	6.06	6.38
26	---	---	---	---	3.30	3.18	1.77	2.91	5.03	4.75	6.10	6.31
27	---	---	---	---	3.22	3.22	1.79	2.98	5.09	4.86	6.08	6.29
28	---	---	---	---	3.24	3.26	1.24	3.03	5.15	4.92	5.79	6.32
29	---	---	---	---	3.25	3.33	1.21	2.93	5.21	5.00	5.67	6.35
30	---	---	---	---	---	3.36	1.37	2.99	5.21	5.06	5.59	6.38
31	---	---	---	---	---	3.28	---	3.06	---	5.11	5.62	---
Mean	---	---	---	---	4.07	3.03	2.02	2.46	4.31	4.81	5.57	6.04
Max	---	---	---	---	4.86	3.36	3.13	3.06	5.21	5.18	6.10	6.38
Min	---	---	---	---	3.22	2.70	1.21	1.51	3.13	4.38	4.86	5.58

Water Year 2008	
Mean	4.04
High	1.21
Low	6.38

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